

The present invention describes an apoptosis-resistant virus-sensitive cell line into which an apoptosis resistance gene has been introduced. The recombinant viruses generated are capable of expressing apoptosis-associated genes. These can then be used in a variety of diseases for which the induction of apoptosis by gene transfer, or where the inhibition of harmful apoptosis is therapeutic. The recombinant viruses are useful as vectors for gene therapy which can be applied to cancer therapy for destroying cancer cells selectively, the treatment of autoimmune diseases, and apoptosis-inductive therapy for inflammatory diseases. Prior arts have claimed that the problem of selective gene delivery into animal cells expressed via an apoptosis-associated gene can be solved because the period of time required to induce cell death by apoptosis is shorter than that required to replicate and produce the genes resulting in failure to capture a recombinant virus that has integrated at a position associated with gene expression. The invention of the present invention overcomes the apoptosis resistance gene inactivation problem and overcomes the plasmid toxicity problem. The present sequence represents the base sequence of the plasmid pKX-1000, which contains the cokox virus tsr gene, and is set in an example in the present invention.

Search completed: July 26, 2002, 23:02:16
Joint times: 9226 sec

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Database search, using sw mode!
July 2nd, 2002, 16:15:22 : Search time 296.97 seconds
(w/o alignments)
11356,631 million cell updates/sec

Title: HS-09-601-371-1
Version: 1.6.2
Sequence: 1 aaaaaaaaaaaaaaaaatataaaaaaa
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ar-hed: 1197655 seqs, 194628292 residues
Number of hits satisfying chosen parameters: 3545312
DB seq length: 0
Xmin DB seq length: 200000000
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Last processing: Minimum Match 0%
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Listing first 45 summaries
Database:
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20: em_om:*
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22: em_cv:*
23: em_pat:*
24: em_ph:*
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27: em_sts:*
28: em_un:*
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30: em_htq_hum:*
31: em_htq_inv:*
32: em_htq_other:*
33: em_htq_inv:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being evaluated,
and is derived by analysis of the total score distribution.

SUMMARIES
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RESULT 5
D64083
LOCUS D64083-1304 bp mRNA linear RCT 13-FEB-1999
DEFINITION Mycoplasma fermentans m_rNA for MIC-Ag₁, complete cds.
ACCESSION D64083
VERSION 1
LENGTH 1304
KEYWORDS M61Aq, M61B5, M61C1, M61D1, M61E1, M61F1, M61G1, M61H1
SOURCE Mycoplasma fermentans B9e marrow cell line; p39; cDNA to m_rNA;
 cDNA clone

EFFECTIVE
AUTHORS
TITLE
JOURNAL
MATERIALS
FEATURES
FAX: 06-981-3600
2 (bases 1 to 1304)
Matsuura M., Takada T., Inoue N., Hata T., Beranek M.,
Takahashi K., Nagasawa S., Aedo H., and Soya I.
A novel protocol that facilitates implantation of
malignant cells by homogeneous complement
331 - Med. 3 (1), 1266-1270 (1997)
98022461 Location/Qualifiers

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organisms "Mycoplasma terentans"
/dit_kratz_naxon_2115
/kinetics
/cell_line "P39"
/transient_expt "E44; Malt:w"
12...1298
/seed_start 1
/transient_table 4
/product "Malt:w"

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THE JOURNAL OF CLIMATE VOL. 17, NO. 10, OCTOBER 2004

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 07-07-2014 BY SP2 JASPER C. HARRIS

Quarry Hill 49. Quarry 104. Quarry 131. Quarry 134.
Bushy Knob 51. Knob 52. Knob 53. Knob 54.
Matches Land. - measured into the Micrometeorites
of the bedrock.

27 i dati relativi alla durata dell'attivazione di una cellula. La durata media della cellula attiva è di circa 60

11 KAGAWA TAKAHASHI YASUHIRO MIZOUE TAKAYOSHI OGATA 60
12 Sato 42 TAKAHASHI TAKAYOSHI KOBAYASHI TAKAHARU KOBAYASHI 120
13 Sato 42 TAKAHASHI TAKAYOSHI KOBAYASHI TAKAHARU KOBAYASHI 120
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level of quality control, quality control statistics, cost of quality statistical 240

Q9 241 *cotyledon* *seedling* *germinating* *seed* 300

BIOLOGICAL AND PHYSICAL DATA 369

371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420

94 4-1236-A KELIAN, PATRICK JAKATIAKAGAFACTS/ITA 540
95 541 CIRCUIT BREAKER, FUSE, RELAY, CONTACT, PLATE, SPACER, SCREW, SPRING, TUBE, WIRE

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14:	7.21	<i>Environ Biol Fish</i> 1991; 29: 1-10.	Acute toxic effects of <i>Amanita phalloides</i> on rainbow trout, <i>Oncorhynchus mykiss</i> , and lake whitefish, <i>Prosopium cylindraceum</i> .	780
22:	7.61	<i>Environ Biol Fish</i> 1991; 29: 11-17.	Acute toxic effects of <i>Amanita phalloides</i> on lake whitefish, <i>Prosopium cylindraceum</i> .	840

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